

**State Level Environment Impact Assessment Authority (SEIAA)****Telangana State
Government of India****Ministry of Environment, Forests & Climate Change
A-3, Industrial Estate, Sanathnagar, Hyderabad - 500 018.**REGD.POST WITH ACK.DUE**Order No. SEIAA/TS/OL/SRD-225/2020-****Dt:16.02.2021.**

Sub: SEIAA, TS – M/s. Piramal Enterprises Limited, Sy. No. 71, 77, 78, 79A to 80A, 81A & 82A, Digwal Village, Kohir Mandal, Sangareddy District. – Environmental Clearance (Expansion) - Issued - Reg.

Ref: 1. EC Order No. J-11011/392/2006-IA-II (I), J-11011/393/2006-IA-II (I) & J-11011/394/2006-IA-II (I) dt.21.02.2007 from MoEF&CC.
2. Your Application submitted online (proposal no.SIA/TG/IND2/170587/2020) on 31.08.2020 received on 24.09.2020

- I. Earlier, the MoE&F issued Environmental Clearance for the expansion of Bulk drugs & intermediates manufacturing unit, vide reference 1st cited.
- II. Now, vide reference 2nd cited for seeking Environmental Clearance for the proposed expansion of **Active Pharmaceutical Ingredients (Bulk Drug Intermediates)** under **Synthetic Organic Chemicals manufacturing unit** in the name of **M/s. Piramal Enterprises Limited, Sy. No. 71, 77, 78, 79A to 80A, 81A & 82A, Digwal Village, Kohir Mandal, Sangareddy District**. The nearest human habitation viz., Digwal (V) exists at a distance of 0.15 km from the project site. It was reported that nearest water body Kotturu reservoir exists at a distance of 7.2 km. The nearest RF is Digwal exists at a distance of 2.5 km from the industry. The total area of the site is Ac. 79; Out of that, area earmarked for development of Green belt is Ac. 27 (34%). The existing unit is having CFO dt.28.07.2018. The total cost of the project for proposed expansion is Rs. 250 Crores and the production capacity of the project after expansion is as following:

List of Products:

S.No	Name of Product	Capacity (Kg/day)		
		Phase I	Phase II*	Phase III**
REGULAR PRODUCTS				
1	Abacavir Sulfate	28	27.4	27.4
2	Desflurane		548	822
3	Diltiazem Hydrochloride	440	548	548
4	Dry Vitamin A Acetate	411	479.5	548
5	Halothane	821	822	822
6	Isoflurane	3561.6	4931.5	5479.5
7	Ketoconazole	411	411	548
8	Mebeverine Hydrochloride	500	548	548
9	Sevoflurane		1370	1370
10	Sevoflurane (Bottling)	821.9	1370	1643.8
11	Trazodone Hydrochloride	302	479.5	548
12	Verapamil Hydrochloride	385	411	493.2
13	Vitamin A Alcohol	10	---	---
14	Vitamin A Palmitate	357	684.9	685
15	Vitamin E Alcohol	197.3	49.3	65.8
	Total - I	8245.8	12679.5	14148
CAMPAIGN PRODUCTS				
1	Desflurane	275	---	---
2	Sevoflurane	877	---	---
3	[5,6-Dihydro-(S)-6-methyl-4-oxo-thieno (2,3,6) thiopyram-7,7-dioxide]	1	1	1
4	1H-Pyrazole-4-carbonitrile, (Saege, FCI 3387	6.8	9.6	13.7

5	2,4 - Dichloro pyrimidine (FCI 1271)	16.4	21.9	43.8
6	3-(4-chlorophenyl) glutaric acid monoamide	13.7	27.4	41.1
7	3-Methoxy-0, a- dimethyl-L-tyrosine HCl	13.7	27.4	41.1
8	4-Pregnen-21-oic acid-17 α -ol-3-one-7 α -thiol γ -lactone 7-acetate (Spironolactone)	137	274	411
9	Acyclovir	27.4	54.8	82.2
10	Amiodarone Hydrochloride	68.5	274	465.8
11	Apixaban	13.7	27.4	41.1
12	Apremilast	28	13.7	13.7
13	Aprepitant	2.7	5.5	5.5
14	Armodafinil	2.7	8.2	13.7
15	Azilsartan	6.8	13.7	27.4
16	Baclofen	13.7	27.4	54.8
17	Bexagliflozin(FCI 2780)	68.5	82.2	109.6
18	BGB API	13.7	68.5	137
19	BGB Compound 5 (FCI 3254)	6.8	27.4	54.8
20	BGB COMPOUND B* (FCI 3253)	6.8	27.4	54.8
21	BIOHEAVEN (FCI 3580)	19.2	27.4	27.4
22	BIOHEAVEN (FCI 3581)	19.2	27.4	27.4
23	BIOHEAVEN API (FCI 3582)	32.9	41.1	41.1
24	Bisoprolol Fumarate	13.7	68.5	137
25	Bittermelon	2.7	5.5	8.2
26	Brimonidine Tartrate	1.4	2.1	2.1
27	Canaglifoxin	27.4	54.8	109.6
28	Candesartan Cilexetil	2.7	5.5	13.7
29	Chloropurine	156.2	205.5	246.6
30	Cinacalcet.HCl	5.5	9.6	13.7
31	Cis Hydroxy Lactam	28.0	256.2	241.1
32	Clobazam	2.7	5.5	11
33	Clomipramie Hydrochloride	1	2.7	2.7
34	Clozapine	2.7	5.5	5.5
35	DAAH	27.4	95.9	164.4
36	Dabigatran Etxilate Mesylate	27.4	274.0	411
37	Dapagliflozin	6.8	13.7	20.5
38	Deferasirox	2.7	13.7	27.4
39	Desvenlafaxine Succinate monohydrate	547.9	82.2	159.6
40	Dexlansoprazole	13.7	48	68.5
41	DL-alpha Tocopherol	13.7	27.4	41.1
42	Donepezil Hydrochloride	6.8	13.7	21.9
43	Dronedarone Hydrochloride	13.7	41.1	82.2
44	Droxidopa	5.5	8.2	13.7
45	Dry Vitamin A Palmitate 500 (stabilized)	1.4	5.5	13.7
46	Dry vitamin D3 100 (WithBHT)	1.4	5.5	13.7
47	Dry Vitamin D3 850 (With BHA+ BHT)	4.1	8.2	13.7
48	DS102 (FCI 2540)	27.4	164.4	411
49	Edoxabantosylate monohydrate	13.7	27.4	102.3
50	Eluxadolone	109.6	137	164.4
51	Empagliflozin	13.7	27.4	54.8
52	Ethyl 2-cyanopropanoate, (ASAI KSAI, FCI 3560)	8.2	13.7	13.7
53	FA (2,5-Bis (2,2,2-trifluoroethoxy)-2,2,2-trichloro acetophenone)	2.7	2.7	2.7
54	FCI 3040 (SHAIRE) LP002 (Mirum, FCI 3040)	2.7	4.1	5.5
55	FCI 3446	2.7	4.1	5.5
56	FCI 3485 (E SCAPE BIO)	6.8	9.6	13.7
57	Flecainide Acetate	14	6	6
58	FosaprepitantDimeglumine	0.8	1.4	2.7
59	Fostemsavir	2.7	13.7	27.4
60	Halofuginone Hydrobromide	1	2.7	2.7
61	Imeglimine(FCI3216)	137.0	274	402.7
62	Imipramine Hydrochloride	1	2.7	2.7

63	IodoanilineMethyltriazole	3	3	3
64	Irbesartan	54.8	137	164.4
65	Itraconazole 1330	49.3	49.3	49.3
66	Itraconazole 1333	68.5	68.5	68.5
67	Lamotrizine	27.4	137	274
68	Lercanidipine Hydrochloride	27.4	54.8	82.2
69	Levobunolol Hydrochloride	0.3	0.3	0.3
70	Linagliptin	5.5	13.7	27.4
71	Lisinopril Dihydrate	0.7	5.5	13.7
72	Lurasidone hydrochloride	13.7	20.5	27.4
73	Memantine Hydrochloride	1	2.7	2.7
74	Metaxalone	13.7	27.4	41.1
75	Methyl-2-(2-methyl-1H-pyrrolo [2,3-b] Pyridin-3yl) acetate (FCI-1641)	2.7	2.7	2.7
76	Mirabegron	13.7	27.4	68.5
77	Mirati(FCI 3322)	2.7	2.7	2.7
78	Netaglinide Hydrochloride	1	2.7	2.7
79	Opipramol Dihydrochloride	1	2.7	2.7
80	Paliperidone Palmitate	2.7	2.7	2.7
81	Paroxetine	45	45	45
82	Perindopril Erbumine	13.7	41.1	82.2
83	Pramipexole DiHCl Monohydrate	2.7	2.7	2.7
84	Promethazine Teoclate	8.2	13.7	20.5
85	Quetiapine Hemifumarate	2.7	2.7	2.7
86	Rivaroxaban	13.7	27.4	54.8
87	Sertraline Hydrochloride	27.4	68.5	109.6
88	Sodium Carboxymethyl Cellulose	2.7	2.7	2.7
89	SPHERA (FCI 2784)	6.8	9.6	13.7
90	SSPP (4aS, 7aS)-Octahydro-1H-Pyrrolo[3,4-b] Pyridine	19.2	19.2	19.2
91	Subeverone,(FCI 2807)	5.5	9.6	13.7
92	Succimer	6.8	9.6	13.7
93	Sugammadex	0.7	5.5	8.2
94	Sulindac	41.1	54.8	54.8
95	Tafenoquine Succinate	2.7	5.5	5.5
96	Telmisartan	54.8	137.0	137
97	Tetrabenazine	2.1	2.7	2.7
98	Tinefcon	0.3	2.7	2.7
99	Tocagen-5 flu-cyto	8.2	13.7	27.4
100	Tolcapone	13.7	13.7	13.7
101	TOSMIC	82.2	109.6	109.6
102	Tramadol Hydrochloride	2.7	2.7	2.7
103	Trientine	1.4	2.7	2.7
104	Valacyclovir Hydrochloride	27.4	54.8	82.2
105	Varenicline Tartarate	2.7	8.2	13.7
106	Vibegron	2.7	8.2	13.7
107	Vitamin AD3 500/50 solution with BHT	8.2	13.7	20.5
108	Vortioxetine	2.7	6.8	11
109	Ziprasidone Hydrochloride	2.7	5.5	8.2
	Total - II Worst Case 20 Products	2888.6		
	Total - II Worst Case 45 Products		3858.7	5852.1
110	R&D Products	10	10	10
	Grand Total (I+II) - 60 Products	11144.4	16548.2	20010
Note: * Phase II includes Phase I ** Phase III Includes Phase II				

List of By-Products:

S.No	Name of By-Product	Name of Product	Stage	Quantity (Kg/day)		
				Phase I	Phase II	Phase III
1	P-Toluene Sulfonyl Sodium	Ketoconazole	I	150.1	150.1	200.2

2	aSodium Bromide (16%)	Halothane	I	2676	2679	2679
3	Sodium Formate	Isoflurane	I	549.3	760.5	845.1
4	Sodium Fluoride		I	678.5	939.5	1043.9
5	Spent HCl (20%)		II	1056.9	1463.4	1626
6	Spent Sulfuric acid	Memantine HCl	I	18	48.7	48.7
7	1,3-Dicyclohexyl urea	Clobazam	I	2.4	4.8	9.6
8	Potassium Methoxide			0.7	1.5	3
9	tert-Butylalcohol			0.8	1.6	3.2
10	Potassium methyl sulfate		II	1.5	3.1	6.1
11	Toluene	Sphera	III	10.9	15.2	21.7
12	Isopropyl alcohol	Bio Heaven (FCI 3581)	III	2.2	3.2	3.2
13	N,N-Diiso propyl ethyl amine HCl salt	Vibegron	I	2.4	7.2	11.9
14	Trimethylmethoxysilane			1.5	4.5	7.5
15	Trimethylsilanol			0.6	1.9	3.2
16	Sodium Chloride			0.9	2.7	4.4
17	5-Ethynyl-2'-deoxyuridine		II	1.8	5.3	8.9

III. In the process, synthetic organic chemicals are produced by using various chemicals, solvents, etc.,

IV. The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the proposal in its meetings held on 25.09.2020 & 18.12.2020. The Sub-Committee constituted by the SEAC in its meeting held on 25.09.2020 inspected the site on 05.12.2020 and submitted the report. Based on the information furnished, presentation made by the proponent and the consultant M/s. Team Labs and Consultants, Hyderabad; Report of the Sub-Committee; Submitted Self Certified compliance report; G.O.Ms. No. 95, dt. 21.09.2007 of the EFS&T Dept., GoAP; G.O.Ms. No. 64, dt. 25.07.2013 of the EFS&T Dept., G.O. Ms. No. 24, dt. 24.04.2019 of the EFS&T Dept.; S.O.1223 (E), dt.27.03.2020 of MoEF&CC, GoI; The Committee considered the project proposal and recommended for issue of Environmental Clearance. The State Level Environment Impact Assessment Authority (SEIAA) in its meetings held on 23.01.2021 & 30.01.2021 examined the proposal and recommendations of SEAC for issue of Environmental Clearance. Accordingly, after discussions in the matter and considering the recommendations of SEAC, the SEIAA, Telangana hereby accords Environmental Clearance to the project for Expansion as mentioned at Para No. I under the provisions of EIA Notification - 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions:

A. Specific Conditions:

i. Air pollution:

- i The emissions from the Coal fired Boilers of capacity – (Existing) 1 x 4 TPH; 1 x 6 TPH & 1 x 16 TPH and (Proposed) 1 x 32 TPH (Coal/ Briquette fired Boilers) shall be routed through APCE i.e., Cyclone separator followed by Bag filter and disposed through separate Stacks of height 30m, 40m & 45m respectively. The concentration of particulates in the emission shall not exceed 115 mg/Nm³. Thermic fluid heater (2 x 4 lakh kcal/hr) (Proposed) shall be provided with a stack of height 10m. Sampling Port with removable dummy of not less than 30m diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc., shall be provided to monitor stack emissions. Stack of adequate height shall be provided for D.G. Sets of capacity - 2 x 1010 kVA; 2 x 1000 kVA; 3 x 750 kVA; 1 x 725 kVA; 3 x 500 kVA & 2 x 380 kVA (Existing) 2 x 1000 kVA & 4 x 1000 (Proposed) installed with Acoustic Enclosures & Silencers as per CPCB norms.
- ii The process emissions containing Ammonia, hydrogen chloride, hydrogen bromide, sulfur dioxide are sent to a scrubber with dilute caustic medium and the resultant scrubbing effluent is sent to ETP. The process emissions containing derivatives of Carbon dioxide, Nitrogen and Oxygen gas shall be safely dispersed into the atmosphere. Further, the process emissions containing derivatives of Hydrogen are to be safely dispersed into the atmosphere through water column. The industry shall also provide online pH monitoring system for scrubber. The industry shall meet the emission standards

monitoring system for scrubber. The industry shall meet the emission standards notified by the MoEF&CC.

- iii National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit.
- iv Necessary measures shall be taken to control odour as far as possible. Chillers (brine solution) shall be installed to reduce solvent evaporation losses into the atmosphere. All the solvent storage tanks shall be connected to vent condensers. Regular monitoring of the VOCs shall be carried out using sensors.
- v The solvents shall be recovered by installing fractional distillation columns. The recovered solvents shall be reused in the process or sold to recyclers authorized by TSPCB. The volatile vapours generated during process shall be routed through condensers and the condensate shall be reused in the plant.
- vi As proposed, greenbelt of Ac. 27 (34%) shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction and along the road sides etc., Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- vii Raw materials shall be transported in covered trucks. Raw materials shall be stored under sheds. All the belt conveyors shall be covered with G.I. sheets. Appropriate dust suppression system shall be provided all around the stockpiles and conveyor system. All the roads in the plant area shall be asphalted / concreted and water shall be sprinkled to suppress the dust.
- viii The industry shall monitor VOCs in ambient air with online VOC analyzer and connect the data to the server of SPCB.
- ix The project proponent shall install 24x7 continuous emission monitoring system at stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB & CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- x The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
- xi To control source and the fugitive emission suitable pollution control devices shall be installed to meet the prescribed norms and / or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- xii Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- xiii Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- xiv The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc., on all sources of noise generation.
- xv The ambient noise levels should conform to the standards prescribed under E(P)Act, 1986 viz., 75 dB(A) during day time and 70 dB(A) during night time.
- xvi The Industry shall provide energy sources for lighting purpose shall preferably be LED based.
- xvii Ambient air quality including ambient noise levels must not exceed the standards stipulated under Notification dt. 16.11.2009 issued by the MoEF&CC, GoI. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with TSPCB.

b) Water Pollution:

- i The source of water is from Ground water. The total water requirement after expansion shall not exceed 2609.3 KLD (i.e., Fresh Water of 1614.3 KLD & Recycled treated water of 995 KLD). Quantity of water used for: Process is 479.3 KLD; Washings is 30 KLD; Boiler feed is 375 KLD; Cooling tower makeup is 1445 KLD; Scrubber is 25 KLD; RO/DM Plant is 45 KLD; Domestic purposes is 100 KLD & Gardening is 110 KLD.
- ii The total waste water generated after expansion shall not exceed 1052.7 KLD. Out of that, 580.1 KLD (HTDS) & 472.6 KLD (LTDS); 480.1 KLD are from Process; 30 KLD is from Washings; 45 KLD is from RO/DM Plant; 198.6 KLD is from Boiler blow down + contaminated steam from MEE; 180 KLD is from cooling tower bleed off; 25 KLD is from Scrubber & 94 KLD is from Domestic section.
- iii The high TDS and low TDS effluents generated from the process are to be separated and treated separately. The high TDS effluents shall be disposed into stripper followed by MEE and ATFD. The condensate shall be reused in cooling towers after necessary treatment. The LTDS effluents including domestic effluents shall be treated in Biological ETP followed by RO system. The permeate shall be re-used in the plant and rejects shall be sent to MEE system. The treated effluents shall be recycled completely. The project proponent shall achieve **Zero Liquid Discharge** and in no case the effluent shall be discharged outside the factory premises. The stripper distillate shall be distilled for recovery of solvents / sent to authorized cement plants for co-incineration.
- iv The effluent discharged shall conform to the standards prescribed under Environment (Protection) Rules, 1986 or as specified by the SPCB while granting Consent under the Air/Water Act, whichever is more stringent.
- v The proponent shall provide separate storm water drains and harvest the rainwater from the rooftops to recharge the ground water.
- vi The industry shall install & maintain separate water meters for recording water consumption for various purposes and also maintain daily records.
- vii Automatic / online monitoring system (24 x 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the SPCB and in the Industry's website.
- viii The industry shall install IP Camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability and flow meters in the channel / drain provided for carrying the effluent within the premises of the unit.
- ix Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project.
- x Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells by the project proponent in and around project area in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Data thus collected should be sent at regular interval to MoEF, CGWA and CGWB, Southern, Region, Hyderabad.
- xi Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Suitable measures should be taken for rainwater harvesting.

c) Solid Waste :

- i. Hazardous waste generated from the industry such as waste oils, used oils etc., shall be disposed as per the Hazardous Waste (Management, Handling, and Transboundary Movement) Rules, 2016, to the recyclers authorized by TSPCB.
- ii. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- iii. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc., Flame arresters shall be provided on tank farm and the solvent transfer through pumps.

- iv. The company shall undertake waste minimization measures as: Metering and control of quantities of active ingredients to minimize waste; Reuse of by-products from the process as raw materials or as raw material substitutes in other processes; Use of automated filling to minimize spillage; Venting equipment through vapour recovery system; and Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- v. The proponent shall comply with the following w.r.t. solid waste generated:

S. No	Description	Quantity	Mode of Treatment/ Disposal
1	Process Residue	18.7 TPD	Sent to TSDF/Cement Plants for Co-incineration
2	Solvent Residue	13.4 TPD	
3	Stripper Distillate	14.8 KLD	
4	Spent Carbon	454.5 Kg/day	
5	Hyflow	798 Kg/day	Sent to TSDF
6	Spent Mixed Solvents	207.8 KLD	Sent to Authorized cement plants for co-incineration / end.users to use as raw material
7	Spent Solvents	385 KLD	Recovered within the plant premises.
8	Inorganic residue	881 Kg/day	Sent to TSDF
9	Catalyst	373.3 Kg/day	Sent to TSDF
10	Evaporation salts	31.6 TPD	Sent to TSDF
11	ETP Sludge	9.4 TPD	Sent to TSDF
12	Ash from Boiler	14.2 TPD	Sold to Brick manufactures
13	Detoxified containers & liners	8500 No.s/month	Sold to authorized vendors
14	Off-Separation & discarded product	65 Kg/day	Sent to TSDF
15	Discarded waste mineral from dust collector, Vacuum system & floor sweeping and resign from DM plants	200 Kg/day	Sent to TSDF
16	Waste oil	14.7 KLD	Sent to Authorized Recyclers
17	Used Lead acid batteries	70 No.s/Yr	

B. General Conditions:

- i This order is valid for a period of 7 years.
- ii "Consent for Establishment" shall be obtained from Telangana State Pollution Control Board under Air and Water Act before the start of any activity / construction work at site and also obtain CFO before commencing operations.
- iii The industry shall not manufacture any other products and exceeding capacities except those mentioned in this order, without permission.
- iv Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP, medical health care, crèche etc., The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- v No change in the process technology and scope of working should be made without prior approval of the SEIAA, TS. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, TS/ MoEF&CC, GoI, New Delhi, as applicable.
- vi The environment safeguards contained in the EIA Report should be implemented in letter and spirit. The responsibility of implementation of environmental safeguards rests fully with the proponent ie., **M/s. Piramal Enterprises Limited.**
- vii The project proponent shall abide by all commitments and recommendations made in the

EIA/EMP report, commitment made during their presentation to the Expert Appraisal Committee.

- viii All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of project proponent transferring the ownership, maintenance of management of the project to any other entity.
- ix The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA; and CCF, Regional office of MoEF&CC, GoI, Chennai on 1st June and 1st December of each calendar year.
- x Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM, SPM, PM₁₀, PM_{2.5}, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- xi Data on ambient air quality (PM₁₀, PM_{2.5}, SO₂, NO₂) should be regularly submitted to the Ministry including its Regional Office located at Chennai and the State Pollution Control Board/ Central Pollution Control Board once in six months.
- xii Usage of Personnel Protection Equipments by all employees / workers shall be ensured.
- xiii Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- xiv Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- xv Emergency preparedness plan based on the Hazardous identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- xvi The Industry shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- xvii A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- xviii The funds earmarked for environmental protection measures (Capital cost is Rs. 16.38 Crores and Recurring Cost is Rs. 50.55 Crores/annum; Budget for CER to be spent is Rs. 300 Lakhs within 5 years and also the funds earmarked for Corporate Social Responsibility (CSR) activities, should be kept in separate account and should not be diverted for other purpose. The budget allocated for the EMP shall be subsequently increased if the project cost increases at the time of CFO. Year wise expenditure should be reported to the SEIAA, Ministry and its Regional Office located at Chennai.
- xix The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned SPCB as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- xx Officials from the TSPCB and Regional Office of MoEF&CC, GoI, Chennai who would be monitoring the compliance of the stipulated conditions and implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoEF&CC, GoI, Chennai.
- xxi The project proponent shall submit the copies of environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- xxii The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental

clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, Telangana. This order shall be displayed in the website of the project proponent.

- xxiii Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- xxiv The company shall undertake eco-development measures including community welfare measures in the project area.
- xxv The proponent shall obtain all other mandatory clearances from respective departments.
- xxvi Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xxvii The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xxvii The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
- xxix Grant of EC is also subject to circulars issued under the EIA Notifications 2006, which are available on the MoEF&CC website: www.parivesh.nic.in

Sd/-
MEMBER SECRETARY
SEIAA, T.S.

Sd/-
MEMBER
SEIAA, T.S.

Sd/-
CHAIRMAN,
SEIAA, T.S.


To

Sri Sunil Deshmukh , (Vice president – Operations),
M/s. Piramal Enterprises Limited,
Sy. No. 71, 77, 78, 79A to 80A, 81A & 82A,
Digwal Village, Kohir Mandal, Sangareddy District.
Ph.No. +91 8106173820
Email.id: g.venkatesham@piramal.com

Copy to:

1. Prof. Ch. Krishna Reddy, Chairman, SEAC, T.S. for kind information.
2. The Member Secretary, TSPCB for kind information.
3. The EE, RO: SR-I, TSPCB for information.
4. The Regional Officer, MoEF&CC, GOI, Chennai for kind information.
5. The Secretary, MoEF&CC, GOI, New Delhi for kind information.

//T.C.F.B.O//


Joint Chief Environmental Engineer

REGD.POST WITH ACK.DUE

Order No. SEIAA/TS/OL/SRD-332/2021-

Dt:28.06.2021.

Sub: SEIAA, TS - M/s. Piramal Enterprises Limited, Sy. No. 71, 77, 78, 79A to 80A, 81A & 82A, Digwal (V), Kohir (M), Sangareddy District - Corrigendum to Environmental Clearance – Issued - Reg.

Ref: 1. EC order dt.16.02.2021 issued by SEIAA, Telangana.
 2. Your application submitted online on 06.05.2021 MODI-EC (proposal No. SIA/TG/IND2/211365/2021) received on 20.05.2021.

- I. Earlier, vide reference 1st cited the industry obtained EC (Expansion) for manufacturing of **Active Pharmaceutical Ingredients (Bulk Drug Intermediates)** under **Synthetic Organic Chemicals manufacturing unit** in the name of **M/s. Piramal Enterprises Limited, Sy. No. 71, 77, 78, 79A to 80A, 81A & 82A, Digwal (V), Kohir (M), Sangareddy District.**
- II. Now, the proponent vide reference 2nd cited informed that there are some corrections to be made in the EC order and hence, it was requested to issue Corrigendum to EC with the following changes.

S.No	Description	As mentioned in EC dt. 16.02.2021	To be corrected as per the EMP submitted
1	Boiler Feed	--	1 x 6 TPH oil fired boiler (existing) standby after expansion
2	DG Sets	--	Proposed: 5 x 1000 kVA
3	Disposal of Catalyst	Sent to TSDF	Sent to TSDF/manufactures for re-generation.

- III. The request of the proponent was examined by the State Level Expert Appraisal Committee (SEAC) in its meeting held on **29.05.2021**. Based on the information furnished presentation made by the proponent & the consultant M/s. Team Labs & Consultants, Hyderabad; the Committee considered the request of the proponent and recommended to issue Corrigendum to the EC order. The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on **17.06.2021** examined the request of the proponent and the recommendations of SEAC, and decided to issue Corrigendum to the Environmental Clearance.

Hence, the following Corrigendum are made to the EC order vide reference 1st cited:

- (a) The condition No. i mentioned under A. Specific conditions, i. Air pollution: shall be read as following:

“The emissions from the Coal fired Boilers of capacity – (Existing) 1 x 4 TPH; 1 x 6 TPH; 1 x 16 TPH & 1 x 6 TPH Oil fired Boiler (Existing – Standby after expansion) and (Proposed) 1 x 32 TPH (Coal/ Briquette fired Boilers) shall be routed through APCE i.e., Cyclone separator followed by Bag filter and disposed through separate Stacks of height 30m, 40m & 45m respectively. The concentration of particulates in the emission shall not exceed 115 mg/Nm³. Thermic fluid heater (2 x 4 lakh kcal/hr) (Proposed) shall be provided with a stack of height 10m. Sampling Port with removable dummy of not less than 30m diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc., shall be provided to monitor stack emissions. Stack of adequate height shall be provided for D.G. Sets of capacity - 2 x 1010 kVA; 2 x 1000 kVA; 3 x 750 kVA; 1 x 725 kVA; 3 x 500 kVA & 2 x 380 kVA (Existing) 2 x 1000 kVA and (Proposed) 4 x 1000 kVA & 5 x 1000 kVA installed with Acoustic Enclosures & Silencers as per CPCB norms”.

- (b) The Solid waste mentioned at S.No.9 of the condition (V) mentioned under (c) solid waste of A. Specific conditions shall be read as:

<i>S.No</i>	<i>Description</i>	<i>Quantity</i>	<i>Mode of Disposal</i>
9	Catalyst	373.3 Kg/day	Sent to TSDF / manufacturers for re-generation

- IV. All other information mentioned and conditions stipulated in the EC order issued vide reference 1st cited remain the same.

Sd/-
MEMBER SECRETARY
SEIAA, T.S.

Sd/-
MEMBER
SEIAA, T.S.

Sd/-
CHAIRMAN,
SEIAA, T.S.

To


Sri Sunil Deshmukh , (Vice president – Operations),
M/s. Piramal Enterprises Limited,
Sy. No. 71, 77, 78, 79A to 80A, 81A & 82A,
Digwal (V), Kohir M), Sangareddy District.
Ph.No. 8106173820
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4. The Integrated Regional Office, MoEF&CC, RO, Hyderabad for kind information.
5. The Secretary, MoEF&CC, GOI, New Delhi for kind information.

//T.C.F.B.O//


Joint Chief Environmental Engineer

 सत्यमेव जयते	<p>State Level Environment Impact Assessment Authority (SEIAA) Telangana State Government of India Ministry of Environment Forests & Climate Change A-3, Industrial Estate, Sanathnagar, Hyderabad-500 018.</p>
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REGD.POST WITH ACK.DUE

Order No. SEIAA/TS/OL/SRD-358/2021-

Dt:04.09.2021.

Sub: SEIAA, TS - M/s. Piramal Pharma Limited, Sy. No. 71, 77, 78, 79A to 80A & 82A, Digwal (V), Kohir (M), Sangareddy District - Change of name in Environmental Clearance from M/s. Piramal Enterprises Limited to M/s. Piramal Pharma Limited – Issued - Reg.

Ref: 1. EC (Expansion) Order No. SEIAA/TS/OL/SRD-225/2020, dt:16.02.2021 issued by SEIAA, Telangana.
2. Corrigendum to EC order SEIAA/TS/OL/SRD-332/2021, dt:28.06.2021 issued by SEIAA, Telangana.
3. Representation dt.16.07.2021 submitted on online under MODI-EC (proposal no. SIA/TG/IND2/220400/2021) on 08.09.2021 by M/s. Piramal Pharma Limited.

- I. Earlier, vide reference 1st cited the industry obtained EC (Expansion) for manufacturing of Bulk Drugs & Intermediates under Synthetic Organic Chemicals manufacturing unit in the name of M/s. **Piramal Enterprises Limited, Sy. No. 71, 77, 78, 79A to 80A, 81A & 82A, Digwal (V), Kohir (M), Sangareddy District.** Subsequently obtained corrigendum to EC vide reference 2nd cited.
- II. Now, the proponent vide reference 3rd cited, informed that the company has changed it's name to "Piramal Pharma Limited" as per the "Certification of Incorporation pursuant to change of name" dt.04.03.2020, issued by Registrar of Companies, Ministry of Corporate Affairs, Hyderabad. Accordingly, the proponent submitted Affidavit / Undertaking / NOC on Rs.100/- Stamp paper dt.09.07.2020 that they are complying with all the conditions stipulated in the EC order dt.16.02.2021. Hence, it was requested to change the name of the company from M/s. Piramal Enterprises Limited to M/s. **Piramal Pharma Limited.**

III. The above issue was examined by the State Level Environment Impact Assessment Authority (SEIAA) in its meeting held on 23.08.2021. The Authority approved for change of name in EC order already issued in favour of M/s. Piramal Enterprises Limited. **The SEIAA, Telangana hereby accords change of name in the EC order issued vide reference 1st cited, in the name of M/s. Piramal Pharma Limited, with all terms and conditions stipulated therein remains the same.**

**Sd/-
MEMBER SECRETARY
SEIAA, T.S.**

**Sd/-
MEMBER
SEIAA, T.S.**

**Sd/-
CHAIRMAN,
SEIAA, T.S.**

To

**Sri Vinay Agarwal, (Sr. Vice president – Operations),
M/s. Piramal Pharma Limited,
Sy. No. 71, 77, 78, 79A to 80A, 81A & 82A,
Digwal (V), Kohir (M), Sangareddy District.
Ph.No. 8106173820
Email.id: g.venkatesham@piramal.com**

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4. The Integrated Regional Officer, MoEF&CC, RO, Hyderabad for kind information.
5. The Secretary, MoEF&CC, GOI, New Delhi for kind information.

//T.C.F.B.O//


 **Joint Chief Environmental Engineer**